

Safety Precautions

Read all safety precautions and installation instructions carefully before installing or servicing this fixture. Failure to comply with these instructions could result in potentially fatal electric shock and/or property damage.

It is recommended that a qualified electrician perform all wiring. This fixture must be wired in accordance with all national and local electrical codes.

Do not handle any energized fixture or attempt to energize any fixture with wet hands or while standing on a wet or damp surface or in water.

This fixture is designed for use in a 110-120VAC, 60Hz fused circuit. Do not use on a dimming circuit.

To reduce the risk of electrical shock, and to assure proper operation, this fixture must be adequately grounded. To accomplish proper grounding, there must be a separate ground wire (green) or bare metal contact (metal conduit) between this fixture and the ground connection of your main power supply panel. The green ground screw location is clearly marked on the fixture housing.

This fixture is intended for general indoor lighting in dry or damp locations only.

Assembly Instructions

1. Preparing for installation.

- Disconnect electrical power** before installing or servicing this fixture.
- Remove channel cover (7) by removing thumbnuts (11) on cover. Observe location of center hole for power supply and ground wires entry.

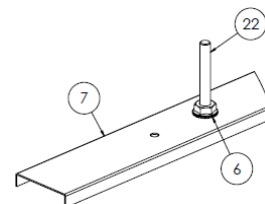
2. Fixture mounting.

- Mount Junction Box mounting ring (1) to Junction Box with machine screws (3) provided.
- Position the fixture channel (10) and frame (23) assembly onto the ceiling and mark all appropriate mounting hole locations. **You may need someone to help you hold the fixture up.** Bring the fixture down and punch a small hole in the ceiling at each marked location. Using a nail or stud finder, check to see if there is a wood joist to mount the fixture to. Where there is a wood joist, use a suitable wood screw (not included) to mount the fixture. Where there is no joist, a 3/16" toggle bolt (not included) must be used to mount the fixture channel securely to the ceiling.
- Apply adhesive-backed foam tape (provided) into groove of all four top edges of frame to prevent light leaks caused by uneven ceiling surfaces.

3. Wiring.

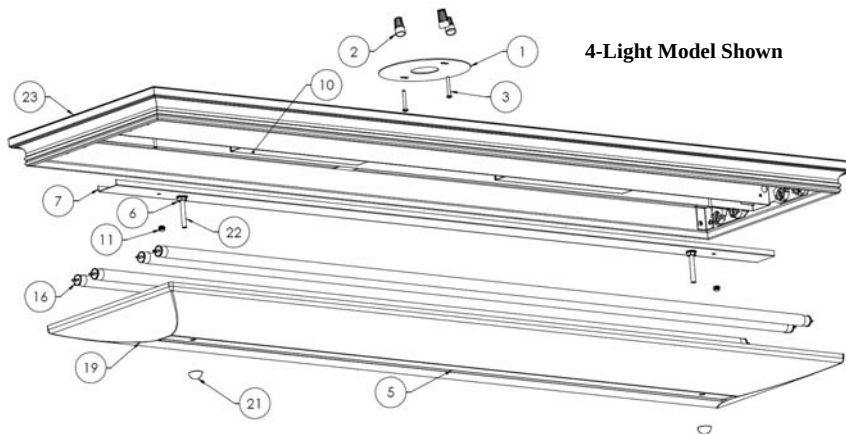
Caution: Make sure power is off at fuse or circuit breaker box. Check power wires for damage or scrapes. If power supply wires are within three inches of ballast, use wire suitable for at least 90°C (194°F). **Note:** Most dwellings built before 1985 have supply wire rated to 60°C. Consult a qualified electrician before installing.

- This unit will not operate properly unless connected to a "grounded" electrical circuit. Electrical shock, overheating, low or no light output, and shortened lamp life can result if proper grounding is not done. Feed the green (or green and yellow / bare) wire through knockout and securely attach to provided green ground screw.
- Feed the white and black wires through center hole in channel. Using wire nuts (2) provided, connect white supply wire to white ballast lead. Connect black hot supply wire to black ballast lead. Pull on each wire lead at connections to make sure connections are secure. Make certain no bare wires are exposed outside of wire nuts.
- Install threaded diffuser studs (22) (provided) to ballast cover by inserting them through each hole and securing to cover (7) with nuts (6) (provided) – note, see figure to the right. Replace ballast cover (7) by placing onto channel (10) and secure with thumbnuts (11). Make sure no wires become crimped between cover and channel.



4. Lamping and Diffuser Installation.

- Install specified lamps (not included) by aligning the lamp to the proper lamp holder. Insert lamp pins into lamp holder and rotate 1/4 turn into place to seat lamp for proper connection. Repeat until all lamps are installed.
- To install the diffuser, align studs (22) from channel cover with diffuser (19) hole and fasten with decorative finials (21). To remove the diffuser, reverse steps.
- To remove the lamps, rotate them out of their sockets and drop the lamp through the frame opening.
- Restore power at fuse or circuit breaker box.



4-Light Model Shown

Limited Factory Warranty

American Fluorescent Corporation warrants this fixture is free from defects in materials and workmanship when installed and used under normal operating conditions for a period of 2 years from date of purchase. This warranty covers all component parts and extends only to replacement of defective fixture or components; it does not cover failure due to improper installation, misuse, mishandling or damage incurred in transit.